

Datasheet for ABIN4923709

## Human SIRPb2 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	SIRPb2
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human SIRPB2 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1029 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	<p>ATGTGCTCCA CGATGTCGGC CCCACCTGC CTGGCCCACT TGCCTCCCTG CTTCTGCTG</p> <p>CTGGCACTGG TCCTTGTCCT CTCAGATGCC TCTGGGCAGA GCAGCAGGAA TGACTGGCAG</p> <p>GTGCTACAGC CCGAGGGCCC CATGCTGGTG GCAGAAGGTG AGACACTTCT ACTGAGGTGT</p> <p>ATGGTGGTCG GCTCCTGCAC TGATGGTATG ATAAAATGGG TGAAGGTGAG CACTCAGGAC</p> <p>CAACAGGAAA TTTATAACTT TAAACGTGGC TCCTTCCCTG GGGTAATGCC CATGATCCAA</p>

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## Product Details

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CGGACATCAG AACCACTGAA TTGTGATTAT TCCATCTATA TCCACAATGT CACCAGGGAG  
CACACTGGAA CCTACCACTG TGTGAGGTTT GATGGTTTGA GTGAACACTC AGAAATGAAA  
TCGGATGAAG GCACCTCAGT GCTTGTGAAG GGAGCTGGGG ACCCTGAACC AGACCTGTGG  
ATCATCCAGC CCCAGGAATT GGTGTTGGGG ACCACTGGAG AACTGTCTT TCTGAACTGC  
ACAGTGCTTG GAGACGGTCC CCCTGGACCC ATCAGGTGGT TCCAGGGAGC TGGTCTGAGC  
CGGGAGGCCA TTTACAACCT TGGAGGCATC TCCCACCCCA AGGAGACAGC GGTGCAGGCC  
TCCAACAATG ACTTCAGCAT TCTTCTGCAA AACGTCTCCA GTGAGGATGC AGGCACCTAT  
TACTGTGTAA AGTTTCAGAG GAAACCCAAC AGGCAATACC TGTCTGGACA GGGCACCAGC  
CTGAAAGTGA AAGCAAATC TACCTCTTCC AAAGAGGCAG AATTCACCAG TGAACCTGCA  
ACTGAGATGT CTCCAACAGG CCTCCTGGTT GTGTTTCGCAC CTGTGGTCCT GGGGCTGAAG  
GCAATTACCT TGGCTGCACT CCTACTGGCC CTGGCTACCT CTCGGAGGAG CCCTGGGCAA  
GAAGATGTCA AGACCACAGG CCCAGCAGGA GCCATGAACA CCTTAGCATG GAGCAAGGGT  
CAAGAGTGA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer: 

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

## Target Details

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Gene: SIRPb2

Alternative Name: SIRPB2 ([SIRPb2 Products](#))

Gene ID: 284759

NCBI Accession: [NM\\_001122962](#)

## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Storage: RT/-20 °C

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Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

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Expiry Date: 12 months

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## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)